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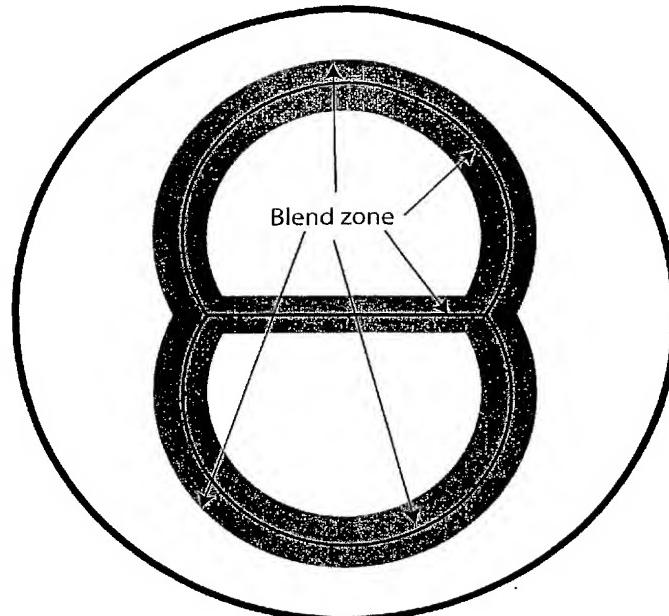
Wales 2019 (AU). **HO, Arthur [AU/AU]**; 12/50 Fern Street, Clovelly, New South Wales 2031 (AU). **BRENT, Geoffrey, Peter [AU/AU]**; 2 Moona Ave, Matraville, New South Wales 2036 (AU). **EHRMANN, Klaus [DE/AU]**; 3/2 Cameron Ave, Manly, New South Wales 2095 (AU). **FALK, Darrin, Mark [AU/AU]**; 41 Darghan Street, Glebe, New South Wales 2037 (AU). **PERERA, Sandya, Indrani [AU/AU]**; 8/165 Avoca St, Randwick, New South Wales 2031 (AU). **TAN, Jacqueline [AU/AU]**; 11 Marlborough St, Leichhardt, New South Wales 2040 (AU). **DU TOIT, Renee [CA/AU]**; c/o The Institute for Eye Research, Level 4, Rupert Myers Building, University of New South Wales, Gate 14, Barker Street, UNSW (AU).

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(54) Title: BIFOCAL CONTACT LENS



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(57) **Abstract:** A contact lens having near vision and distance vision portions, the lens being movable on the eye between first and second positions, those positions corresponding with aligning the wearer's vision through the near vision and distance vision portions respectively. The lens is positionally stable on the eye in each of the two positions, and requires a force to be applied to the lens to move between the first and second positions. Preferably the lens has a back surface and a front surface, and said back surface has either one or two major back curve zones occupying a major portion of the lens back surface.



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